

# 10th Class 2020

Chemistry	Group-II	Paper-II
Time: 15 Minutes	(Objective Type)	Marks: 12

Note: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

- 1-1. Percentage of oxygen gas by volume in dry air is:  
(a) 10 %      (b) 20.94 % ✓  
(c) 30.94 %      (d) 40 %
2. Which one of these is a saturated hydrocarbon?  
(a)  $C_2H_4$       (b)  $C_4H_8$   
(c)  $C_3H_6$       (d)  $C_5H_{12}$  ✓
3. Which one of the following petroleum fractions is used as laboratory solvent?  
(a) Kerosene oil      (b) Diesel oil  
(c) Petroleum ether ✓ (d) Fuel oil
4. The units of molar concentration are:  
(a) mol dm<sup>-3</sup> ✓      (b) mol dm<sup>-2</sup>  
(c) mol dm<sup>-1</sup>      (d) mol dm<sup>3</sup>
5. Boiling point of water at sea level is:  
(a) 0°C      (b) 50°C  
(c) 70°C      (d) 100°C ✓
6. If  $Q_c > K_c$ , what will be the direction of a reaction?  
(a) Forward      (b) Reverse ✓  
(c) Equilibrium state (d) In no direction
7. Which disease is caused by an excess of bile pigments in the blood?  
(a) Jaundice ✓      (b) Typhoid  
(c) Cholera      (d) Fluorosis

- 8- Which one of the following salts will you use to dry a gas?
- (a)  $\text{CaSO}_4$       (b)  $\text{NaCl}$   
(c)  $\text{CaO} \checkmark$       (d)  $\text{Na}_2\text{SiO}_3$
- 9- Which acid is used to cure sting of wasps?
- (a) Uric acid      (b) Malic acid  
(c) Lactic acid      (d) Acetic acid  $\checkmark$
- 10- Which one of the following is a disaccharide?
- (a) Sucrose  $\checkmark$       (b) Glucose  
(c) Fructose      (d) Starch
- 11- The ability of carbon atoms to form chains is called:
- (a) Isomerism      (b) Catenation  $\checkmark$   
(c) Resonance      (d) Condensation
- 12- Photosynthesis process produces:
- (a) Starch      (b) Cellulose  
(c) Glucose  $\checkmark$       (d) Sucrose